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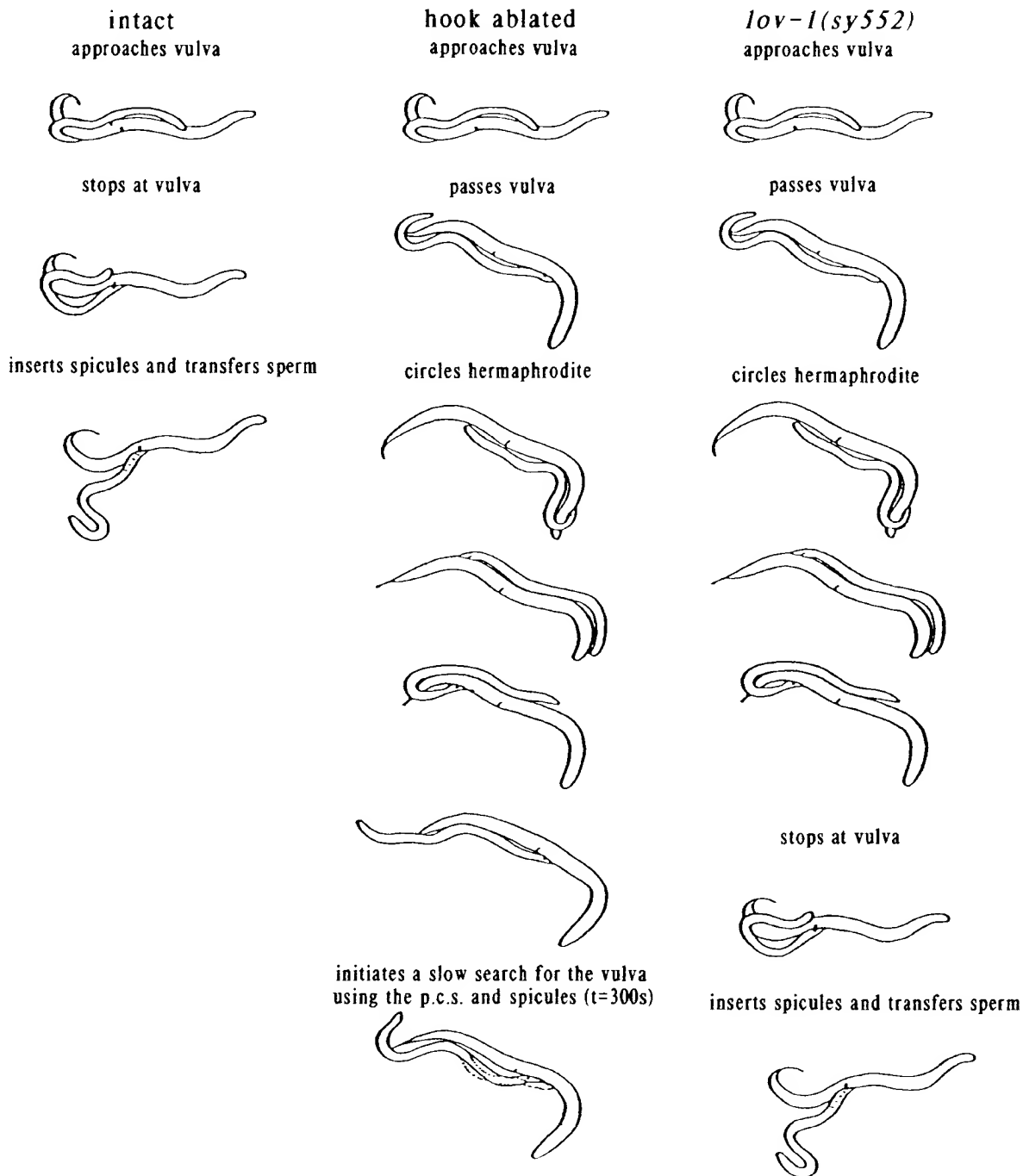
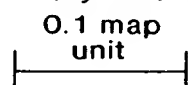


FIG. 1



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*lov-1 (sy552)* rescue data



Rescue

*lov-1 (sy552)*

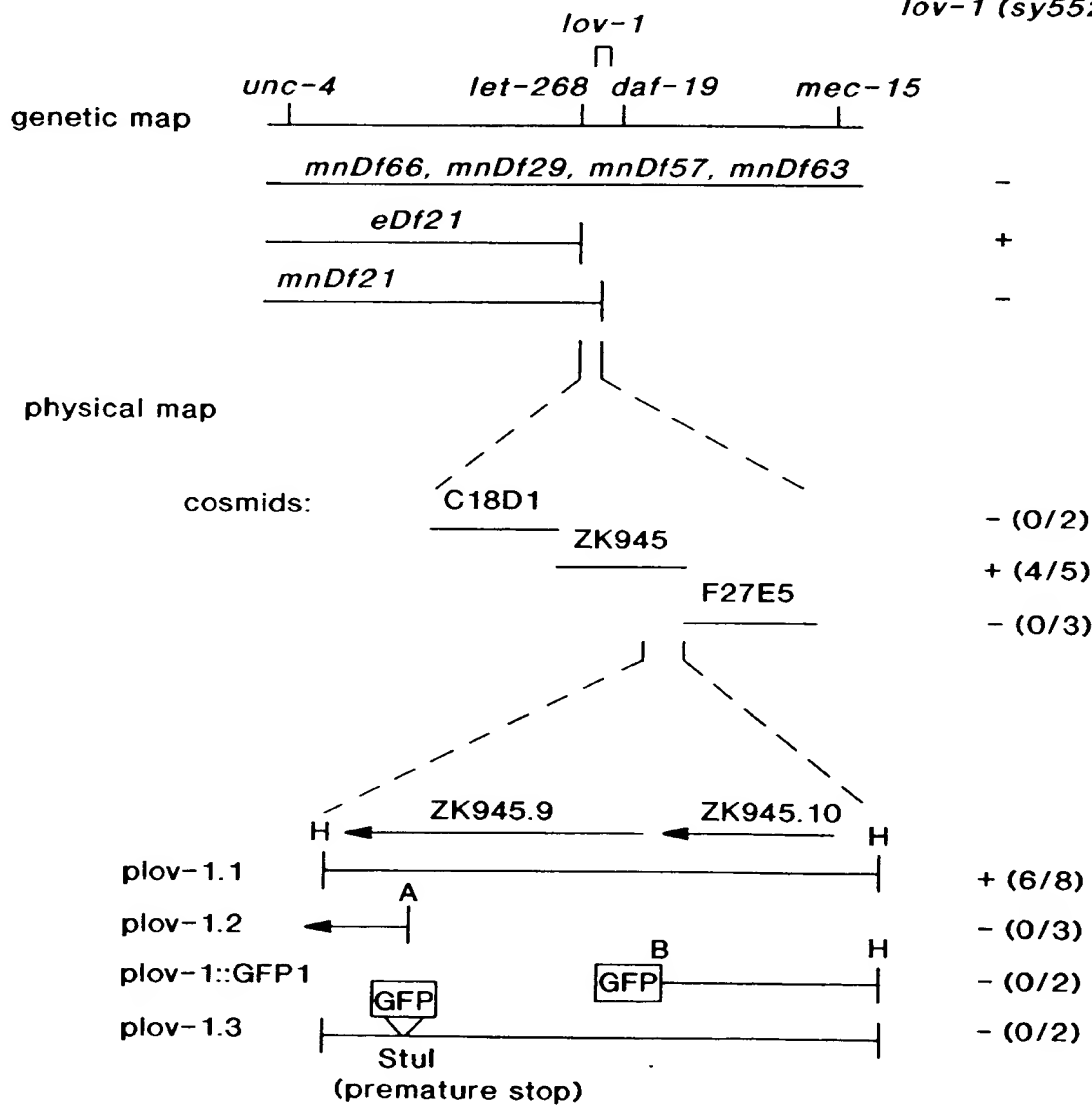


FIG. 2A



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*lov-1* gene structure: 16.7 kb rescuing clone

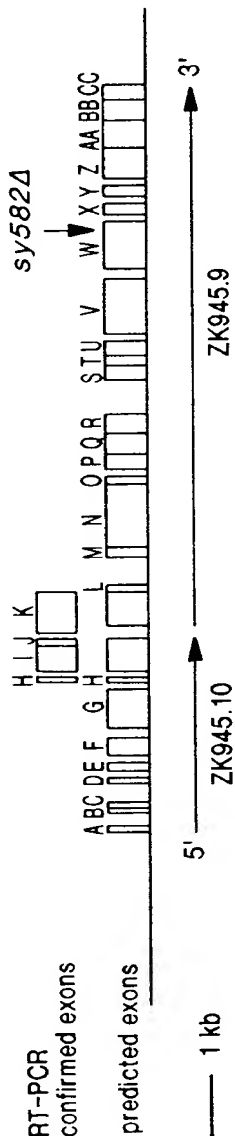


FIG. 2B

Schematic of GFP fusion constructs and expression data



FIG. 2C



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LOV-1 structural features and sequence homologies

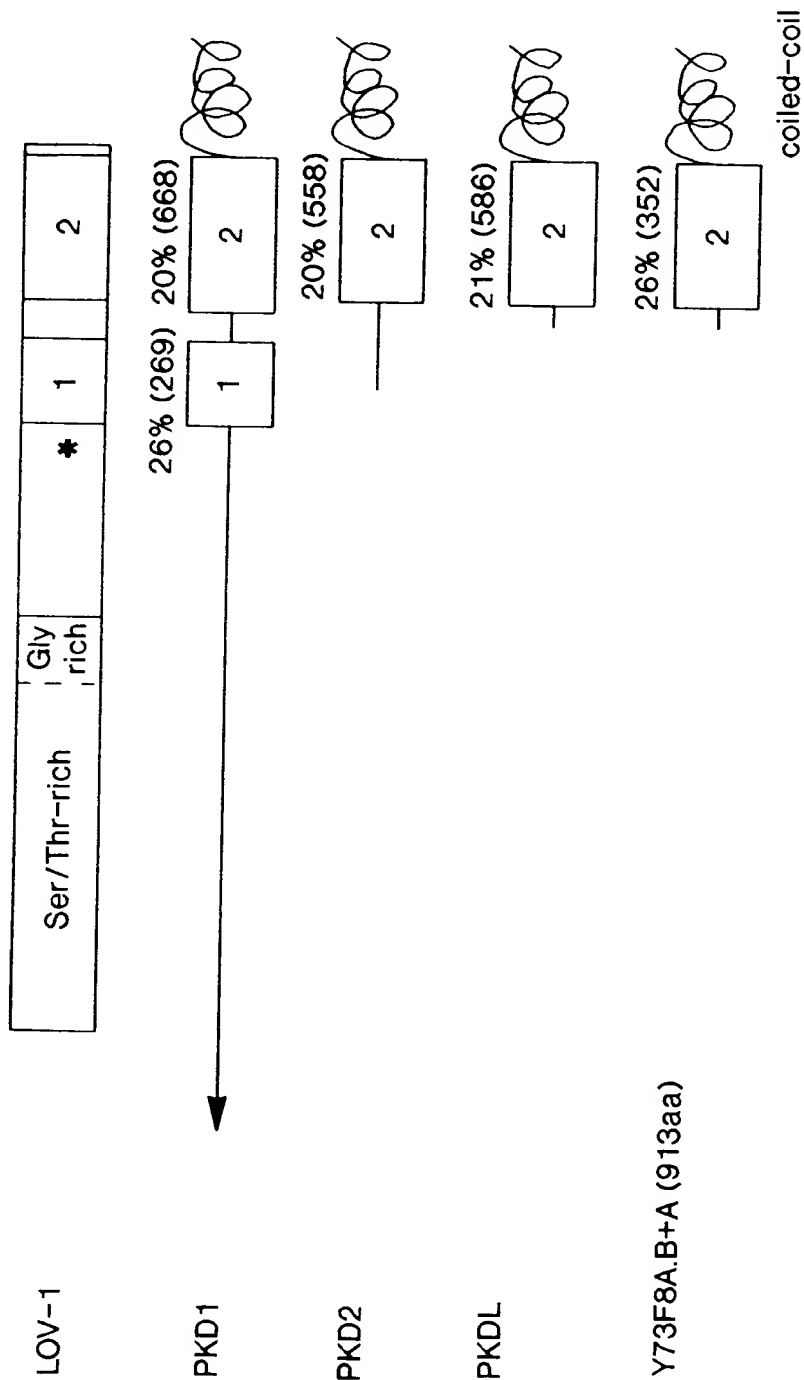


FIG. 2D



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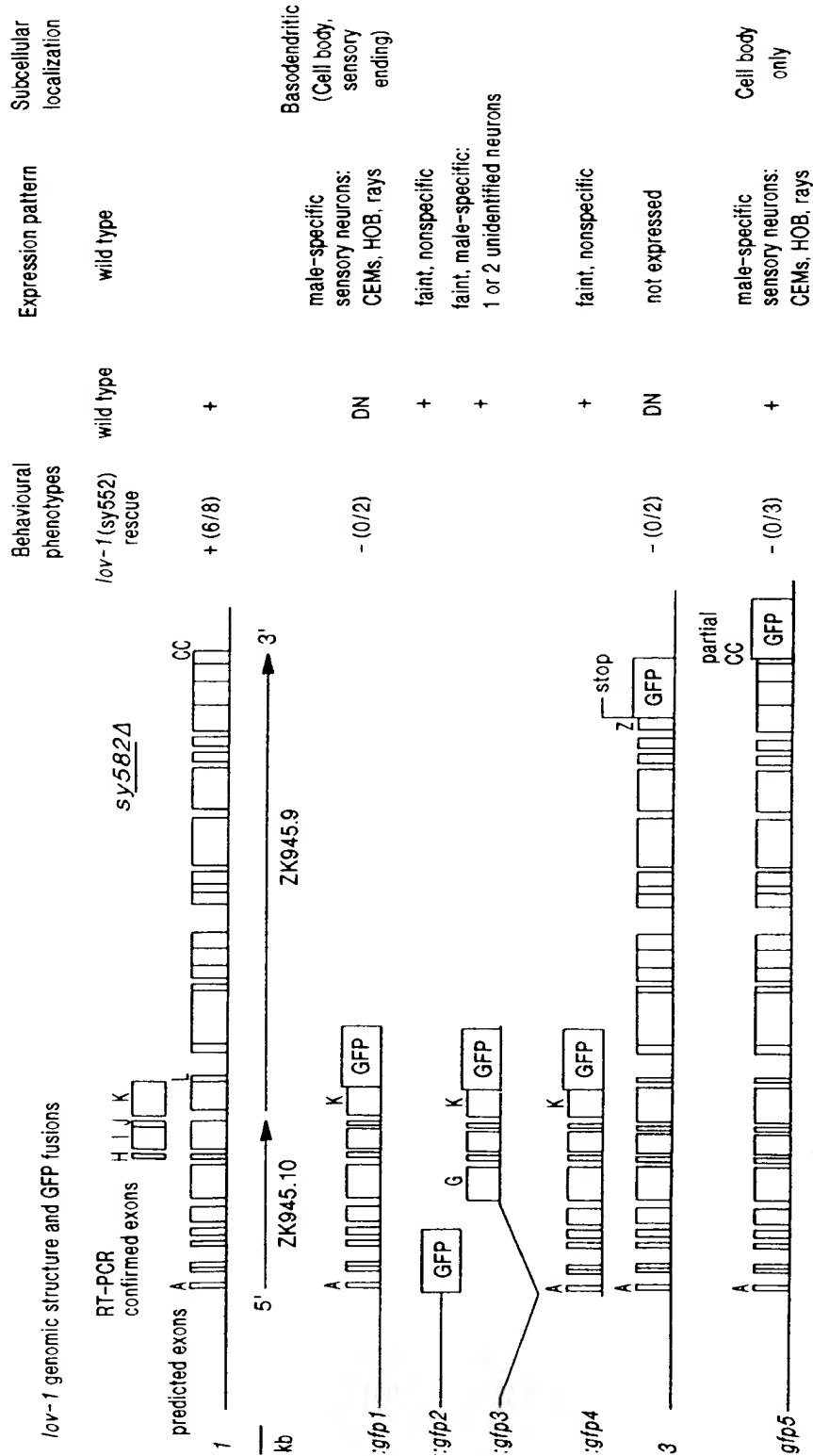
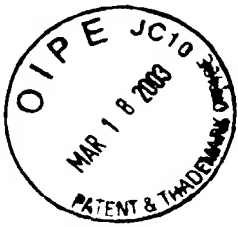


FIG. 3A



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Behavioural phenotypes	Expression pattern	Subcellular localization
<i>lov-1 (sy552) rescue</i>	wild type	
-	male-specific sensory neurons: CEMs, HOB, rays nonspecific, ring neurons (weak)	Uniform (cell body, axon, dendrite)
-	male-specific sensory neurons: CEMs, HOB, rays	Basodendritic (Cell body, sensory ending)

*kd-2* genomic structure and GFP fusions

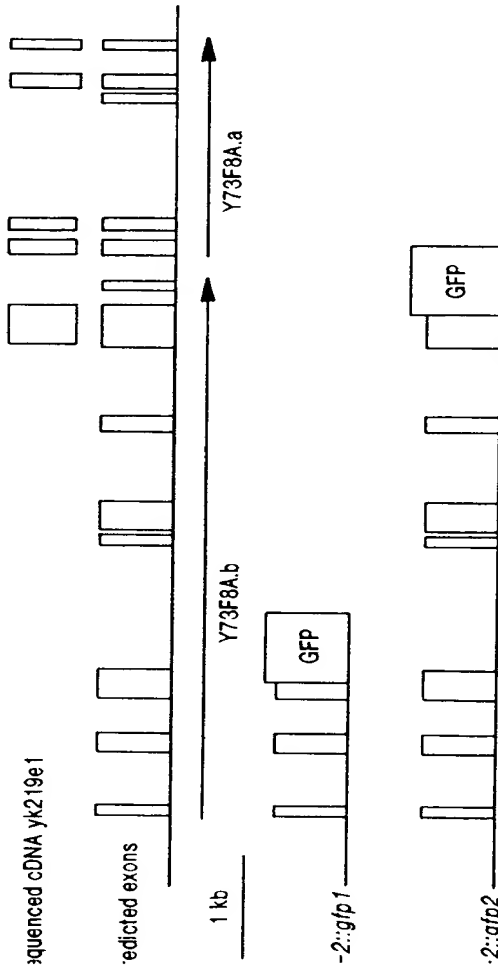


FIG. 3B



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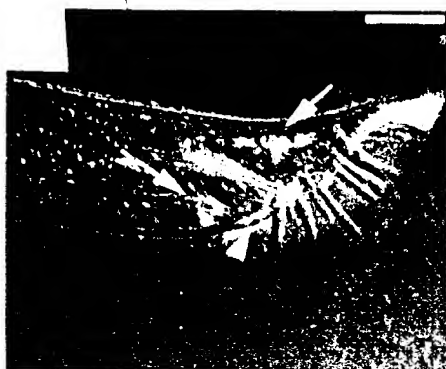


FIG. 4A



FIG. 4D



FIG. 4B



FIG. 4E

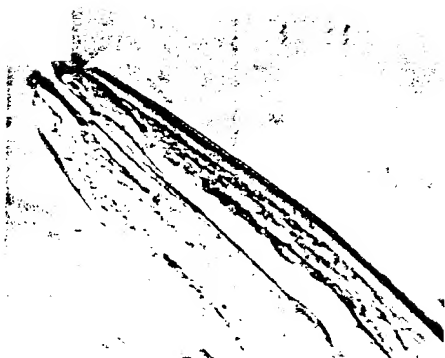


FIG. 4C

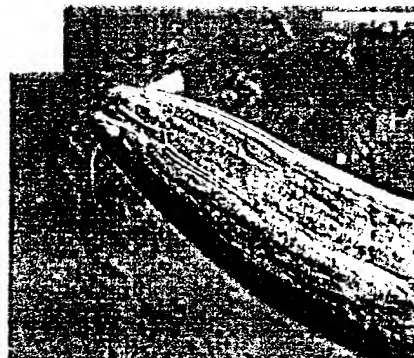


FIG. 4F